

Grandin Avenue Traffic Management *Community Meeting*

Discuss Traffic Concerns
And
Review Options for Solutions



FEBRUARY 22, 2007

Meeting Framework

- Review Scope of Project
- Brief History of Project
- Present Survey Results
- Review Traffic Control Guidelines (Policy)
- Proposed Timeline and Next Steps
- Break Out Session
- Reconvene, Report on Break Out Sessions
- Discussion
- Agree on Proposed Timeline and Next Steps

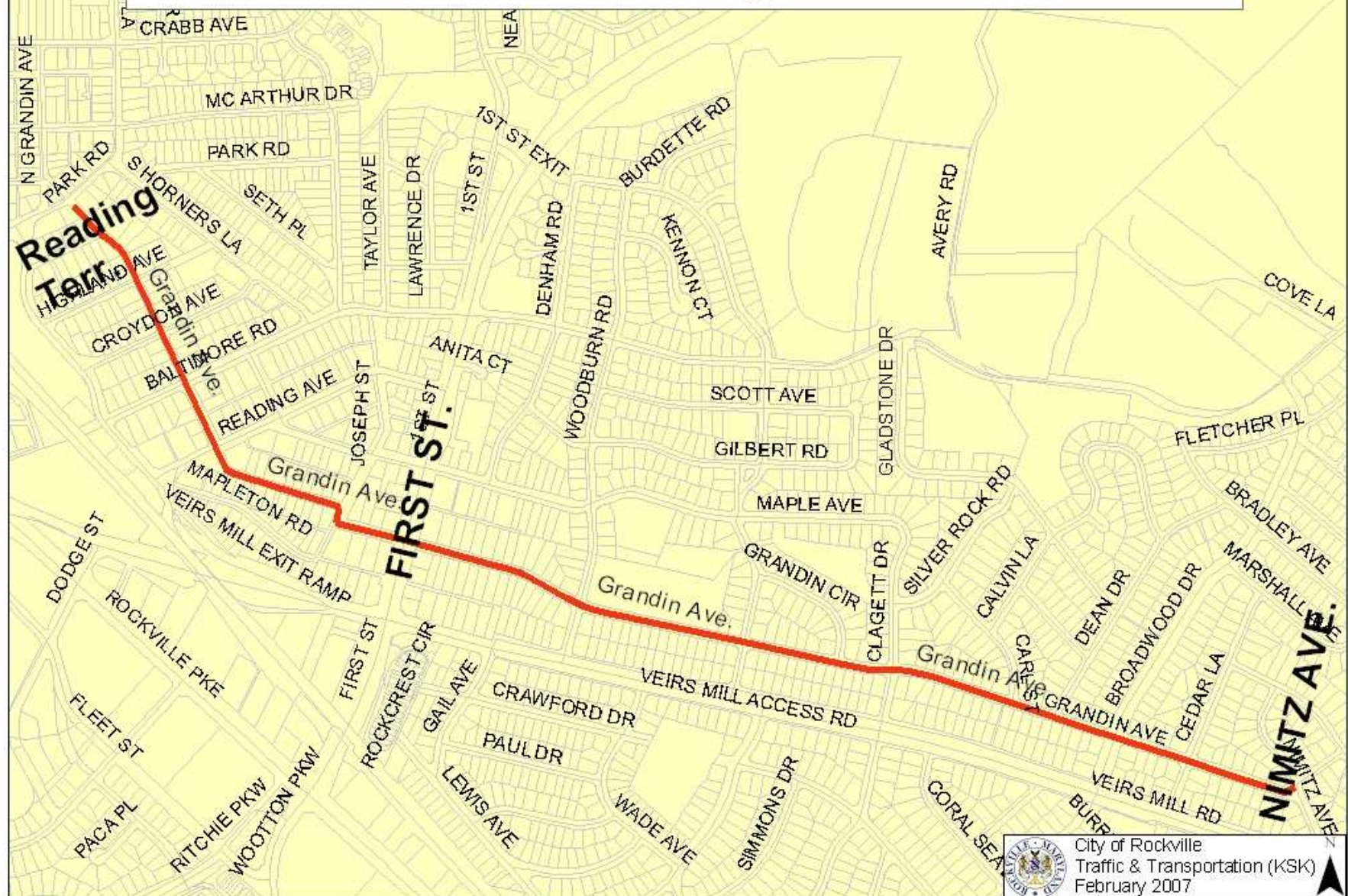
Administrative Items

- Feel free to get refreshments at any time!
- Let's stay on schedule and finish on time
- All opinions and speakers are to be respected
- One person speaks at a time
- Finish this evening successfully and have draft plans/ideas for traffic improvements
- Be sure to add your name and contact information to the sign in sheet
- Please complete Public Participation Comment Form
- Thanks to everyone here!

GRANDIN AVENUE TRAFFIC MANAGEMENT

Project Boundaries:

Grandin Avenue Between Reading Terrace & Nimitz Avenue



City of Rockville
Traffic & Transportation (KSK)
February 2007

Brief History: Why Grandin Ave.?

- Town Center Traffic Calming Process (2004-2005)
 - Traffic Calming on Grandin Avenue
- Petition Submitted to City Late 2005
 - Traffic Diversion for 900 Block of Grandin
- Survey Sent to Residents 2006
 - Mailed to 197 houses; 56 Respondents
 - Determine problem areas and concerns
 - Vote on possible improvements to be implemented



Summary of Survey Results

Part 1: Problem Areas/Concerns

- Top Three Concerns From Respondents:
 1. Speeding
 2. Cut-Through Traffic
 3. Safety: Stop Sign Non-Compliance
- Staff divided Grandin into three “Zones” to better understand specific areas of concern



GRANDIN AVENUE TRAFFIC MANAGEMENT

Zones 1, 2, 3

ZONE 1:
Reading Terrace to
First St. (MD 28)

ZONE 2:
First St. (MD 28)
to Claggett Drive

ZONE 3:
Claggett Drive to
Nimitz Avenue

READING TERR.

FIRST ST.

CLAGGETT DR.

NIMITZ AVE.



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Summary of Survey Results: Zone 1

Reading Terrace to First Street (Rt. 28)

#1 Concern: Speeding

- Between Reading Terrace and Highland Ave.
 - Between Baltimore Road and Reading Ave.
-

#2 Concern: Cut-Through Traffic

- Between Baltimore Road and First St.
-

#3 Concern: Stop-Sign Non-Compliance

- At Baltimore Road and Grandin Ave.
-

No Concerns

- Indicated that they did not see any problems on Grandin.

Summary of Survey Results: Zone 2

First Street (Rt. 28) to Claggett Drive

#1 Concern: Speeding

- Between First Street and Claggett Drive.
-

#2 Concern: Cut-Through Traffic

- Between First St. and Woodburn Road
 - Between Woodburn Road and Claggett Drive
-

#3 Concern: Stop-Sign Non-Compliance

- At Woodburn Road and Grandin Avenue.
- At Edmonston Drive and Grandin Avenue.

Summary of Survey Results: Zone 3

Claggett Drive to Nimitz Avenue

#1 Concern: Speeding

- 900 Block.
-

#2 Concern: Cut-Through Traffic

- Entire stretch of Grandin Ave.
-

#3 Concern: Stop-Sign Non-Compliance

- At Broadwood Dr. and Grandin Ave.
-

No Concerns

- Indicated that they did not see any problems on Grandin

Summary of Survey Results

Part 2: Possible Improvements

- Survey Asked Respondents to Rank Options for Traffic Management
 - Speed Reductions
 - Traffic Diversions
- Also asked respondents for additional comments or suggestions

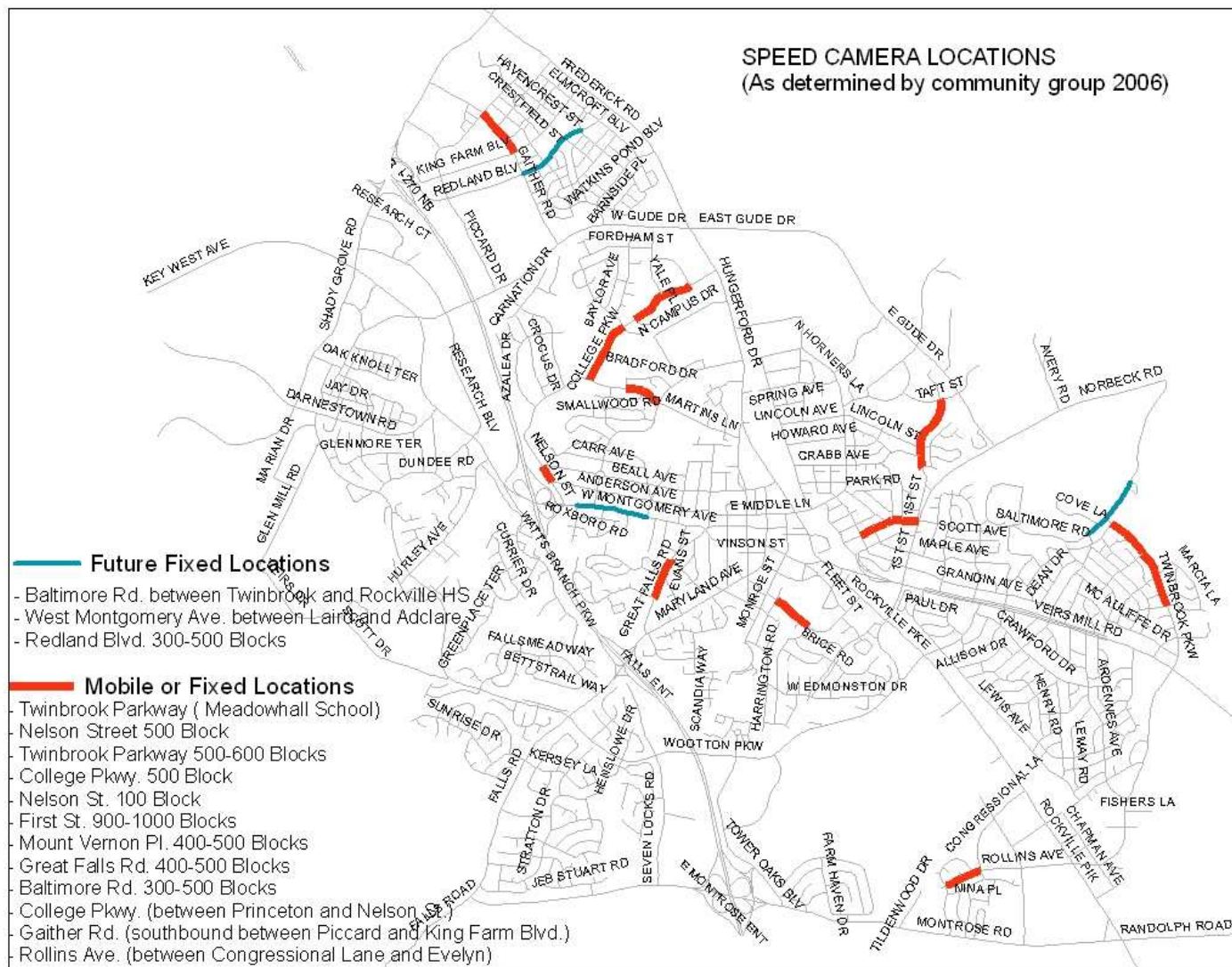
Toolbox of Options: Speed Reductions

VARIABLE SPEED SIGNS



Toolbox of Options: Speed Reductions

SPEED CAMERAS



Toolbox of Options: Speed Reductions



SPEED HUMPS
RAISED CROSSWALKS



Toolbox of Options: Speed Reductions



ROAD NARROWING



Toolbox of Options: Speed Reductions/ Safety Measures



IMPROVED BICYCLE
AND PEDESTRIAN
ACCOMODATIONS



Toolbox of Options: Traffic Diversions



TURN PROHIBITIONS

ENTRY PROHIBITIONS



ONE-WAY
STREETS



Summary of Survey Results: Rank of Improvements

	Zone 1	Zone 2	Zone 3
Variable Speed Sign	3	3	1
Speed Camera	3	1	1
Speed Humps/ Raised Crosswalk	1	1	2
Road Narrowing	4	4	2
Improved Ped/ Bike Facilities	2	2	3
Traffic Diversion	3	1	4

Budget and Estimated Costs

\$75,000 Currently Available

Device	Estimated Cost
Variable Speed Sign	\$10,000
Speed Camera	\$10,000
Speed Humps/Raised Crosswalk	\$5,000 - \$80,000
Road Narrowing	\$10,000 - \$
Pedestrian/Bicycle Improvements	\$10,000 - \$?
Traffic Diversions	
Signs	\$100 per sign
Plugs	\$20,000 – 50,000

Proposed Next Steps

Three Phases

1. Preliminary Concepts

February through May

2. Preliminary Designs

May through July

3. Final Designs and Implementation

July through December

Proposed Next Steps: Phase 1

PRELIMINARY CONCEPTS

February 22 – April 26:

Staff develop **preliminary concepts** for traffic management based on input from 2/22/07 meeting

April 9:

Notify public of preliminary concepts and next meeting date

May 2:

Follow-up meeting to present preliminary concepts

May 2 -23:

Three-week public comment period on preliminary concepts

Proposed Next Steps: Phase 2

Preliminary Designs

May 24 – June 29:

Staff develop **preliminary designs** based on comments received during meeting #2 and public comment period

July 2:

Staff send notice to public of preliminary designs

July 2 - 23:

Three week comment period on preliminary designs

Proposed Next Steps: Phase 3

FINAL DESIGNS and IMPLEMENTATION

July 24 – August 24:

Staff develop **final designs** based on comments received during meeting #2 and public comment period

August 24:

Notice of final designs sent to public

August 28 – December 31:

Construction/implementation of traffic management device(s).

Proposed Next Steps

Phase 1: PRELIMINARY CONCEPTS	
Feb. 22 -April 6	Staff develop <u>preliminary concepts</u> for traffic management based on input from 2/22/07 meeting
April 9	Notify public of preliminary concepts and next meeting date
May 2	Follow-up meeting to present preliminary concepts
May 3 - 23	Three-week public comment period on preliminary concepts
PHASE II: PRELIMINARY DESIGNS	
May 24 – June 29	Staff develop <u>preliminary designs</u> based on comments received during meeting #2 and public comment period
Week of July 2	Staff send notice to public of preliminary designs
July 2 - 23	Three week comment period on preliminary designs
PHASE III: FINAL DESIGNS and IMPLEMENTATION	
July 24 – Aug. 24	Staff develop <u>final designs</u> based on comments from residents
Week of Aug. 24	Notice of final designs sent to public
Aug. 28 – Dec. 31	Construction/implementation of traffic management device(s).

Discussion